

Claims 3 and 4, line 1, please change "A birnavirus" to -- The IBDV --.

Please cancel claim 5 without prejudice or disclaimer of the subject matter thereof.

Claims 6 - 9, line 1, please change "A birnavirus" to -- The IBDV --, and replace "5" with -- 1 --.

B<sup>2</sup>  
37 CFR  
1.1063  
10. (twice amended) A vaccine against [a birnavirus] an IBDV infection in animals, comprising [a birnavirus] the IBDV mutant according to any one of claims [1 - 9] 1 - 4 and 6 - 9 and a pharmaceutically acceptable carrier.

B<sup>3</sup>  
12. (twice amended) A method for determining [birnavirus] IBDV infection in an animal, comprising the steps of:

(i) incubating a sample suspected of containing [anti-birnavirus] anti-IBDV antibodies with VP5 antigen,  
(ii) allowing the formation of antibody-antigen complex, and  
(iii) detecting the presence of the antibody-antigen complex,  
wherein the presence of the complex indicates [a birnavirus] an IBDV infection.

B<sup>4</sup>  
37 CFR  
1.1063  
15. (amended) [A birnavirus] The IBDV mutant according to claim 7, wherein the vaccine strain is D78.

[09/084,837]

17. (amended) A method for determining [birnavirus] IBDV infection in an animal, comprising:

- B5-
- (i) incubating a sample suspected of containing VP5 with [anti-birnavirus] anti-IBDV VP5 antibody;
  - (ii) allowing the formation of antibody-antigen complex; and
  - (iii) detecting the presence of antibody-antigen complex,
- wherein the presence of the complex indicates [birnavirus] IBDV infection.

Claim 18, line 2 and 3, please delete "anti-birnavirus" and replace with -- anti-IBDV --.

Please cancel claims 22 and 23 without prejudice or disclaimer of the subject matter thereof.

37 CFR 1.603  
B6  
24. (amended) [A birnavirus] The IBDV according to claim [22] 2, wherein the mutation is in the genome of a virulent field virus.

25. (amended) [A birnavirus] The IBDV according to claim [23] 3, wherein the mutation is in the genome of a virulent field virus.

C  
26. (amended) [A birnavirus] The IBDV according to claim [22] 2, wherein the mutation is in the genome of a vaccine strain.

C  
27. (amended) [A birnavirus] The IBDV according to claim [23] 3, wherein the mutation is in the genome of a vaccine strain.

[(09/084,837)]